



IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Alfred H. DOUGAN et al. Conf.: 7800

Appl. No.: 09/599,220 Group: 1635

Filed: June 22, 2000 Examiner: MCGARRY, S.

For: EXTENDING THE LIFETIME OF ANTICOAGULANT OLIGODEOXYNUCLEOTIDE APTAMERS IN BLOOD

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 1.114 RCE APPLICATION)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

January 13, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

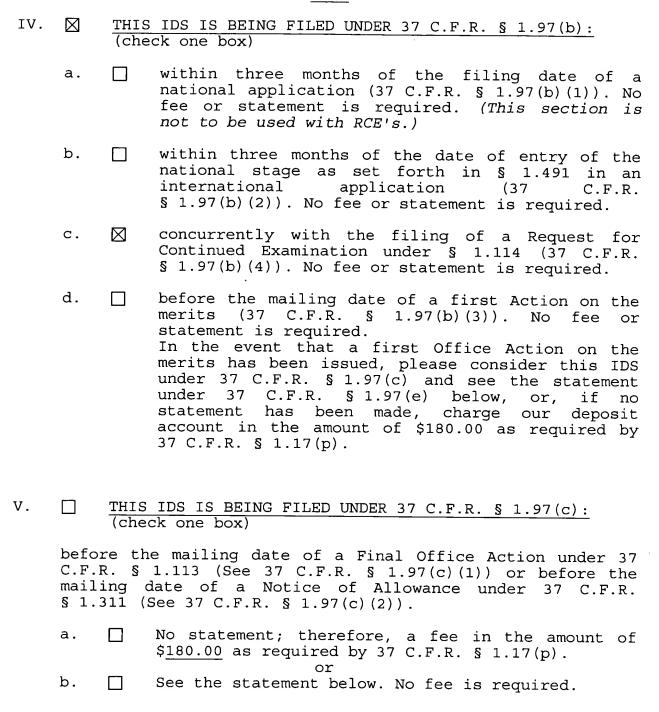
- a.

 This application was filed before June 30, 2003.

 Accordingly, submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. This application was filed on or after June 30, 2003. Accordingly, copies of cited U.S. patents and patent application publications therefore are not included. Copies of foreign patent documents and non-patent literature are included.

	c.		Some or all of the documents listed on the PTO- 1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.
III.	CONC:	ISE E	XPLANATION OF THE RELEVANCE least one box)
	a.	\boxtimes	DOCUMENTS IN THE ENGLISH LANGUAGE
			The patents, publications, or other information listed on the attached PTO 1449 are in the English language and therefore, do not require a statement of relevancy.
	b.		DOCUMENTS NOT IN THE ENGLISH LANGUAGE
			A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:
	c.		ENGLISH LANGUAGE SEARCH REPORT
			An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).
	d.		OTHER
			The following additional information is provided for the Examiner's consideration.

FEES



VI.	STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)							
	The	under	signed hereby states that					
	a.		each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or					
	b.		no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.					
	С.		Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.					
VII.	PAYMENT OF FEES (check one box)							
		eck in the amount of $$180.00$ as required by 37 R. § 1.17(p) is enclosed for the above-identified						
		amour	se charge Deposit Account No. 02-2448 in the at required by 37 C.F.R. § 1.17(p) for the above-cated fee. A triplicate copy of this paper is ched.					
	\boxtimes	No fe	ee is required.					

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Mark (J. Nuell, #36,623

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DRN/mua 4045-0109P

Attachment(s):
☐ PTO-1449

□ Documents

Foreign Search Report

Fee

Other:

(Rev. 09/30/03)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO. 4045-0109P APPLICATION NO. 09/599,220

Alfred H. DOUGAN et al.

(Use several sheets if necessary)					June 22, 2000		GROUP 1635				
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	M. SAVA	er 2002, pp. GE et al., Av Labelling",	ratization	in Chemistry For DNA Resea	egical Chemistry, V A Handbook, page arch, Glen Research ted polynucleotides	10.	20.				
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APPLICANT

Alfred H. DOUGAN et al.

(Use several sheets if necessary) FILING DATE June 22, 2000 1635 U.S. PATENT DOCUMENTS DOCUMENT NUMBER DATE Kind PILING DATE IF APPROPRIATE US US US FOREIGN PATENT DOCUMENTS Office DOCUMENT CLASS Kind DATE COUNTRY TRANSLATION NUMBER NO OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. N. WATANABE et al., "Labeling of Phosphorothioate Antisense Oligonucleotides with Yttrium-90", Nuclear Medicine & Biology, Vol. 26, pp. 239-243, 1999. S. WAGNER et al., "Synthesis of Copper-64 and Technetium-99M Labeled Oligonucleotides with Macrocyclic Ligands", Nucleosides & Nucleotides, Vol. 16(7-9), pp. 1789-1792, 1997. TriLink Bio Technologies, Incorporated, "Radioactive Labeling of Oligonucleotides". S. OSBORNE, et al., "Aptamers as therapeutic and diagnostic reagents: problems and prospects", Current Opinion in Chemical Biology 1997, 1:5-9. F. SCHELLER et al., "New Recognition Elements in Biosensing", Annals of the New York Academy of Sciences, ENZYME ENGINEERING XIV^a, Vol. 864, pp. 37-45, December 1998. C. BURTIS et al. eds., "Tietz Textbook of Clinical Chemistry", c. 1994 by W.B. Saunders, pp. 688-691, 1698-1712, 2114-2118, 2183, 2205, 2208. C. BURTIS et al. eds., Tietz Fundamentals of Clinical Chemistry 4th Ed., c. 1996 by W.B. Saunders, pp. 270, 271, 642, 750, 751: EXAMINER DATE CONSIDERED

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